

Nevion enhances VideoIPath system with NMOS discovery, registration and connection management

Flagship orchestration and SDN control software now supports IS-04 and IS-05 standards

Oslo, Norway, DD MM YYYY – [Nevion](#), award-winning provider of virtualized media production solutions, today announced that its flagship orchestration and SDN control software [VideoIPath](#) now supports the [NMOS \(Network Media Open Specifications\)](#) IS-04 and IS-05 standards. This new VideoIPath feature is already [being deployed by Swiss broadcast service provider, Technology and Production Center Switzerland AG \(tpc\)](#).

Defined by the [Advanced Media Workflow Association, Inc. \(AMWA\)](#), the NMOS standards are designed to enable open, multi-vendor interoperability in professional media networks, such as those used by broadcasters. NMOS IS-04 offers a way to register, discover and find broadcast resources (typically equipment and functionality) automatically in a network. NMOS IS-05 allows a management system to establish connections between senders (such as cameras) and receivers (such as video mixers), and also supports a way to establish ad-hoc connections directly between devices without the presence of a management solution. Support for these standards is beginning to appear on various suppliers' equipment and roadmaps.

Nevion VideoIPath is now able to act as an IS-04 registry for compliant equipment, meaning it can detect when new devices are connected to the IP media network, and understand their capabilities. VideoIPath can also use that information to control these devices through IS-05, to establish media flows between senders and receivers. Nevision VideoIPath can also handle mixed environments, enabling NMOS senders or receivers to connect with non-compliant devices.

In addition, Nevision is committed to following the JT-NM TR1001-1 recommendation, which describe the expected registration and connection management behaviour of systems and devices in a SMPTE ST 2110 media network.

Johnny Dolvik, Chief Product and Development Officer, Nevision, said: "From the beginning, we have designed VideoIPath to handle a multi-vendor environment. We have developed large number of drivers to control a variety of equipment, including IP gateways, multi-viewers, measuring equipment, intercom systems, and graphics systems. We have also adopted standard interfaces where they exist, such as OpenFlow and OpenConfig for IP network equipment control. Adding the NMOS standards was therefore a logical move for us, and of course we are really pleased this feature is already being deployed in the tpc project."

For more information about Nevision and its solutions, please visit the [Nevion website](#).

Nevion will also be at the NAB Show in Las Vegas, 8-11 April 2019, booth SU5510.

About Nevion

As the architect of virtualized media production, Nevion provides media network and broadcast infrastructure solutions to broadcasters, telecommunication service providers, government agencies and other industries. Increasingly based on IP, virtualization and Cloud technology, Nevion's solutions enable the management, transport and processing of professional-quality video, audio and data – in real time, reliably and securely. From content production to distribution, Nevion solutions are used to power major sporting and live events across the globe. Some of the world's largest media groups and telecom service providers use Nevion technology, including AT&T, NBC Universal, Sinclair Broadcast Group Inc., NASA, Arqiva, BBC, CCTV, EBU, BT, TDF and Telefonica.

For more information please visit www.nevion.com. Follow Nevion on Twitter @nevioncorp

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